

FIGURE 1

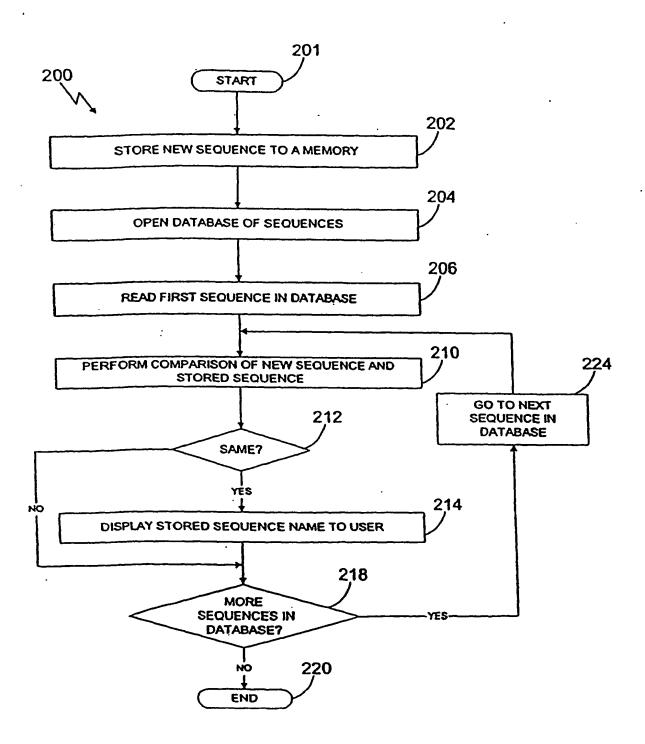
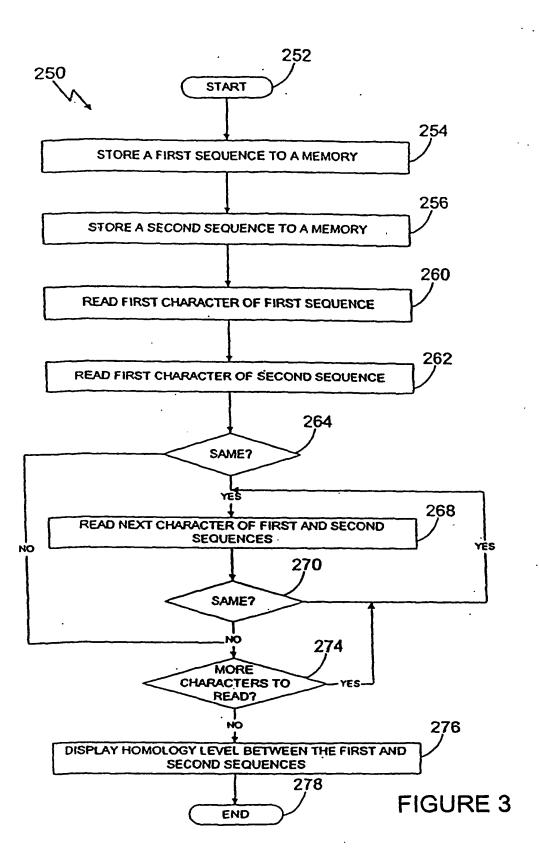
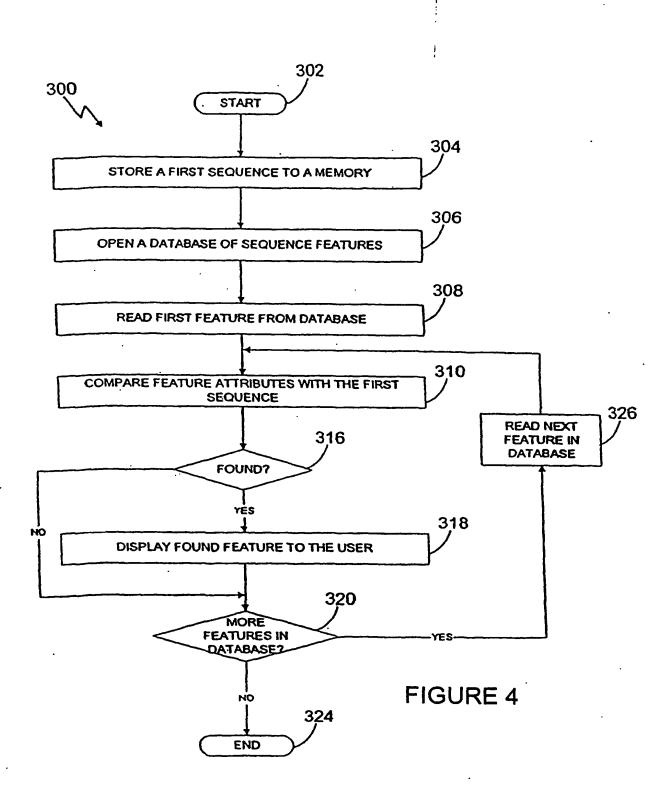


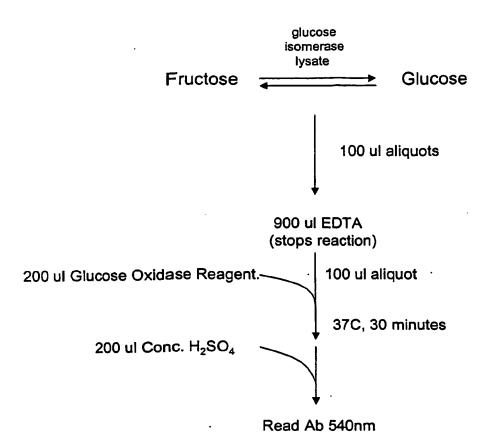
FIGURE 2







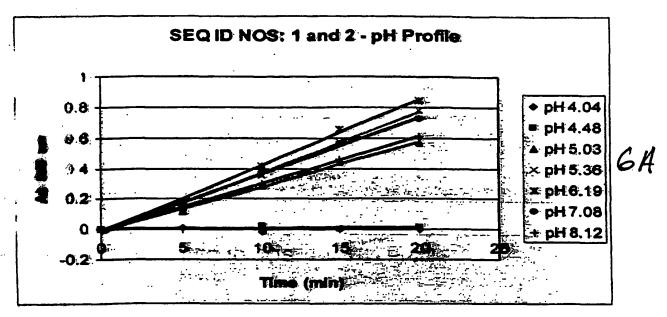
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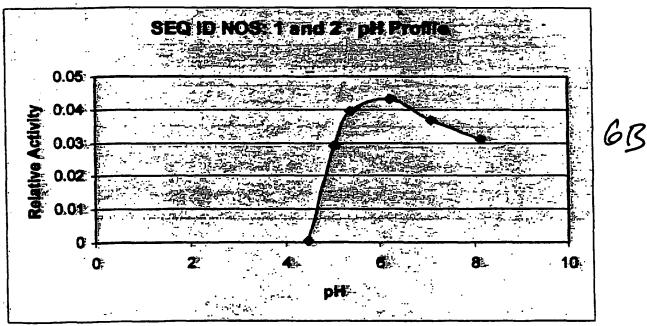


glucose +
$$H_2O$$
 + O_2 $\xrightarrow{\text{glucose oxidase}}$ D-gluconic acid + H_2O_2
 H_2O_2 + Reduced o-dianisidine $\xrightarrow{\text{peroxidase}}$ Oxidized o-dianisidine (brown)

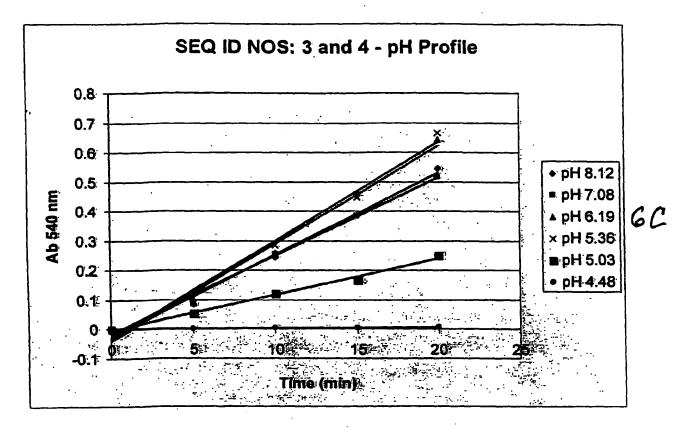
Oxidized o-dianisidine (brown) $\xrightarrow{\text{H}_2SO_4}$ Oxidized o-dianisidine (pink)

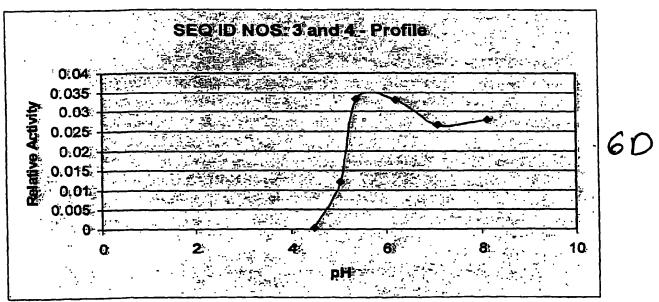
tigure 6

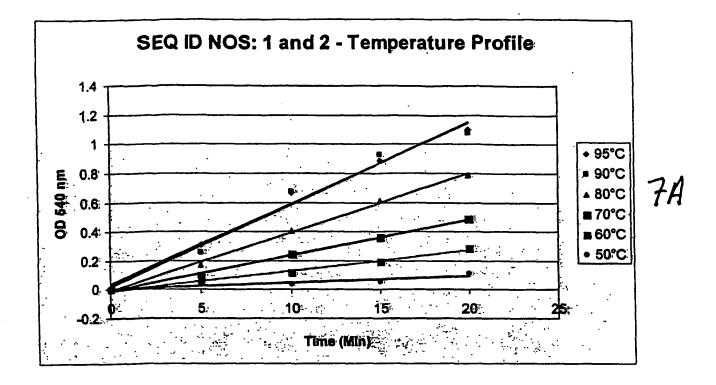




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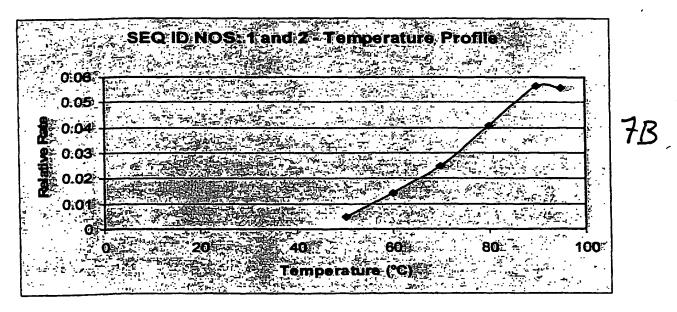
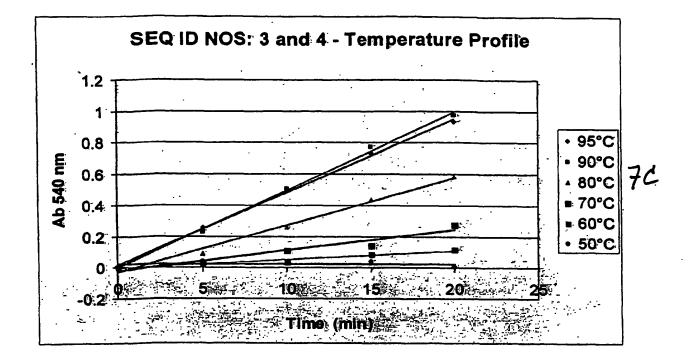
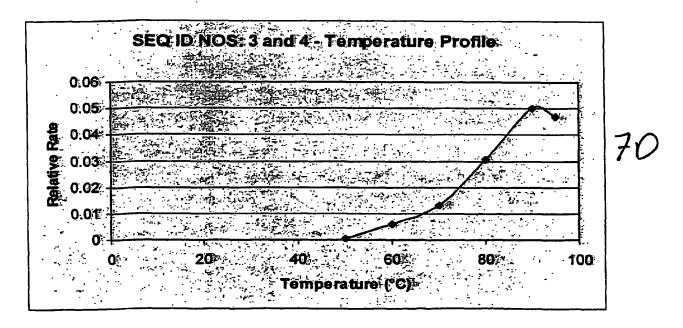


Figure 7

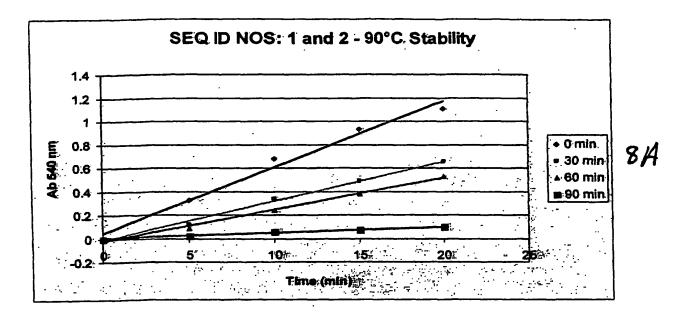
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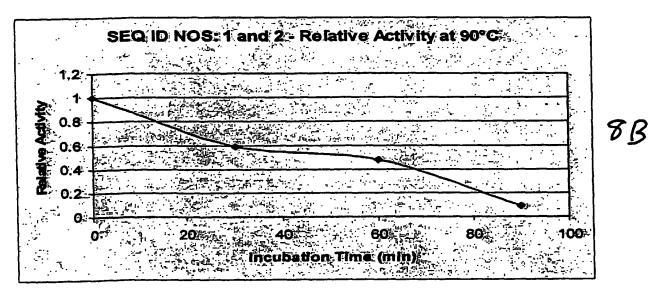




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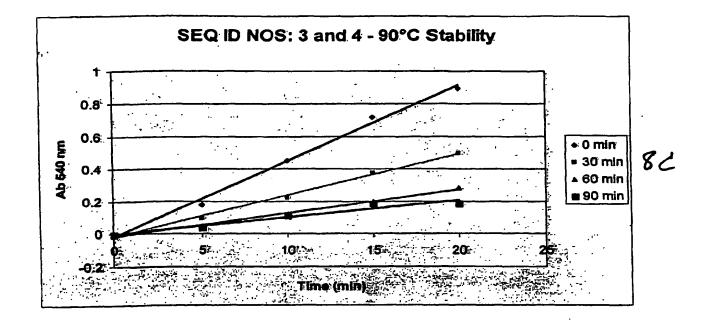
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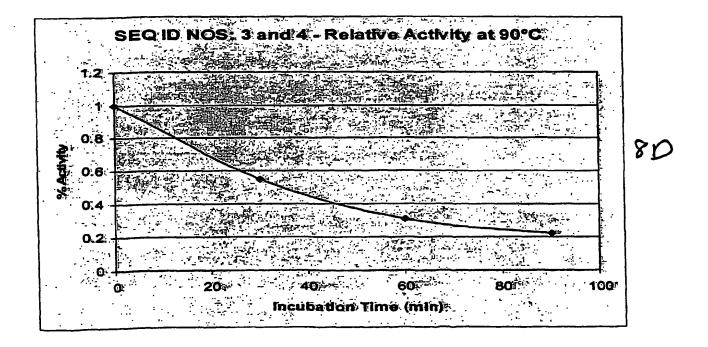




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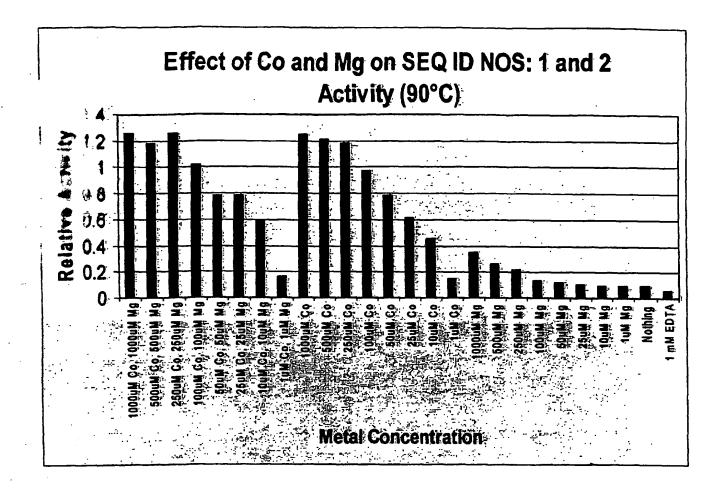


Figure 9A

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Figure 9B

